ARTIFACT SHEET

Enter artifact number below. Artifact number is application number +
artifact type code (see list below) + sequential letter (A, B, C ...). The first
artifact folder for an artifact type receives the letter A, the second B, etc..
Examples: 59123456PA, 59123456PB, 59123456ZA, 59123456ZB

_09 / 541162 ZA_

Indicate quantity of a single type of artifact received but not scanned. Create
individual artifact folder/box and artifact number for each Artifact Type.

☐ CD(s) containing computer program listing
   Doc Code: Computer   Artifact Type Code: P

☐ Stapled Set(s) of Extra Color Drawings/Photographs
   Doc Code: Artifact   Artifact Type Code: C

☐ CD(s) containing pages of specification ☐
   and/or sequence listing ☐
   Doc Code: Artifact   Artifact Type Code: S

☐ CD(s) with content unspecified
   Doc Code: Artifact   Artifact Type Code: U

☐ Microfilm(s)
   Doc Code: Artifact   Artifact Type Code: F

☐ Video tape(s)
   Doc Code: Artifact   Artifact Type Code: V

☐ Model(s)
   Doc Code: Artifact   Artifact Type Code: M

☐ Bound Document(s)
   Doc Code: Artifact   Artifact Type Code: B

☑ Other, description: ___US ORIGINAL PATENT___
   Doc Code: Artifact   Artifact Type Code: Z

The United States of America

The Commissioner of Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

RECEIVED

MAR 0 5 2001

TO 3600 MAIL ROOM

Commissioner of Patents and Trademarks

Attest

United States Patent [19]

Loftus

[54] **RETROFIT CHAIN SICKLE CUTTER**

[76] Inventor: **Thomas E. Loftus**, 224 County Rd. 0 East, Ivesdale, Ill. 61851

[21] Appl. No.: **928,829**

[22] Filed: **Sep. 12, 1997**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 641,505, May 1, 1996, Pat. No. 5,732,539.

[51] Int. Cl.^{6} **A01D 34/83**

[52] U.S. Cl. **56/291; 56/244; 56/292**

[58] Field of Search 56/13.9, 12.8, 56/13.3, 13.4, 244, 245, 290, 291, 292; 30/320, 162, 351, 346.61, 274

[56] **References Cited**

U.S. PATENT DOCUMENTS

536,464	3/1895	Friesz	56/289
673,424	5/1901	Denton	56/292
682,875	9/1901	Love	56/291
779,994	1/1905	Downing	56/291
1,580,668	4/1926	Morgan	56/289
1,851,840	3/1932	Huff	56/292
2,199,642	5/1940	Maninger	56/292
2,793,487	3/1957	Wobermin	56/290
2,821,060	1/1958	Shoffner	56/292
3,006,129	10/1961	Sayre	56/292
3,029,584	4/1962	Johnson	56/291
3,034,276	5/1962	Hester	56/291
3,681,901	8/1972	Buchele	56/291
4,070,810	1/1978	Brakke	56/291
4,622,804	11/1986	Krone	56/291
4,656,819	4/1987	Pearson	56/291
5,732,539	3/1998	Loftus	56/291

Primary Examiner—Michael J. Carone
Assistant Examiner—Robert Pezzuto
Attorney, Agent, or Firm—Knechtel, Demeur & Samlan

[57] **ABSTRACT**

A chain assembly for a cutting and mowing apparatus. There are a plurality of parallel chain members and knife members spaced from one another in pairs and connected by link members.

1 Claim, 6 Drawing Sheets